

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	39435	("401").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/29 15:38
L2	4330	l1 and (outlet or nozzle)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/29 15:39
L3	26	l1 and ((multiple or plural) near4 (outlet or nozzle))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/29 15:40
L4	2776	(118/313-316).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/29 15:43
L5	0	l4 and adhesvie	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/29 15:44
L6	315	l4 and adhesive	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/29 15:45
S1	13	"1107333"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/16 14:35
S2	4	"0930641"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/16 15:00
S3	0	"0930641"	EPO	ADJ	ON	2008/04/16 15:01
S4	1	"930641"	EPO	ADJ	ON	2008/04/16 15:01
S5	0	nanocrystalline and photovoltaic and (dispens\$ with horizontal\$)	EPO	ADJ	ON	2008/04/16 17:19
S6	5	nanocrystalline and photovoltaic and (dispens\$ with horizontal\$)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/16 17:19

S7	0	"2003003231"	EPO	ADJ	ON	2008/04/16 17:24
S8	0	"20030003231"	EPO	ADJ	ON	2008/04/16 17:25
S9	1	("7115434").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/16 17:28
S10	0	("tube\$4withdispens \$4").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/15 16:32
S11	41260	tube\$4 with dispens\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 16:32
S12	190988	("427").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/15 16:32
S13	493	S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 16:32
S14	5630	tube\$4 with dispens\$4 and lateral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 16:40
S15	991	tube\$4 same dispens \$4 same lateral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 16:41
S16	92368	("118").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/15 16:41
S17	11	S15 and (S16 or S12)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 16:41
S18	1366724	(tub\$4 or cylind\$6) same (lateral or side)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 12:48

S19	191012	("427").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/16 12:48
S20	92380	("118").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/16 12:48
S21	15286	S18 and (S19 or S20)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 12:48
S22	73693	(tub\$4 or cylind\$6) same (lateral or side) same (dispens\$4 or spra\$4 or eject\$4 or deposit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 13:39
S23	36320	(tub\$4 or cylind\$6) same (lateral or side) same (dispens\$4 or eject\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 13:44
S24	34590	(tube or tubular or cylind\$6) same (lateral or side) same (dispens \$4 or eject\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 13:44
S25	20574	(tube or tubular or cylind\$6) with (lateral or side) same (dispens \$4 or eject\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 13:45
S26	11564	((tube or tubular or cylind\$6) with (lateral or side) with (dispens \$4 or eject\$4 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 13:45
S27	814	((tube or tubular or cylind\$6) with (lateral or side) with (dispens \$4 or eject\$4 )) same parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 13:46
S28	4	((tube or tubular or cylind\$6) with (lateral or side) with (dispens \$4 or eject\$4 )) same parallel same substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 13:46

S29	26	S27 and (S19 or S20)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 13:49
S30	334	(dispens\$4 with needle) and (S19 or S20)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/16 13:52
S31	2	("7387681").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/16 14:56
S32	10	("2545445"   "3892389"   "4911956"   "5435462"   "5819983"   "5857589"   "6386396"   "6540104"   "6672519").PN. OR ("7387681").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/16 14:56
S33	7949	(dispens\$4) and recirculation	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/16 16:47
S34	191012	("427").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/16 16:47
S35	92380	("118").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/16 16:47
S36	384	(dispens\$4) and recirculation and (S35 or S34)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/16 16:47
S37	1	wo "03082480"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/17 14:18
S38	1	2003-748893.NRAN.	DERWENT	ADJ	ON	2009/06/17 14:18
S39	119	(239/696).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 13:27

S40	93451	("118").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 13:31
S41	452	S40 and (outlet near4 top)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 13:31
S42	99959	("239").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 13:38
S43	781	S42 and (outlet near4 top)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 13:38
S44	200	S42 and (outlet with top with tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 13:39
S45	118	S40 and (outlet with top with tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 13:43
S46	19	S40 and (outlet with plurality) and syringe	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 14:04
S47	2	("7387681").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 14:06
S48	10	("2545445"   "3892389"   "4911956"   "5435462"   "5819983"   "5857589"   "6386396"   "6540104"   "6672519").PN. OR ("7387681").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/02 14:06

S49	723	S40 and (outlet with plurality) and (particles)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 14:09
S50	127	S40 and (outlet with plurality) and (liquid with particles)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 14:09
S51	42	S40 and (outlet with (mutiple or plurality)) and (minimum amount)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 14:15
S52	209	S40 and (outlet with (mutiple or plurality)) and (recircu\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 14:19
S53	3	("4245227").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/28 13:37

**EAST Search History (Interference)**

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